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Figure 1: A schematic diagram of a two-dimensional lattice. It shows a grid of points with arrows indicating interactions between nearest and next-nearest neighbors. The lattice is labeled with 'a' for the nearest neighbor distance and 'b' for the next-nearest neighbor distance. The diagram is labeled 'Figure 1' at the bottom.

DATE:

DIST. <sup>22</sup> ~~XX~~ September 1947

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SUPPLEMENT 50X1-HUM

|              |     |      |         |    |  |  |  |  |  |
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- June 1947

Jan.-June 1947

|                                      |         |       |         |            |
|--------------------------------------|---------|-------|---------|------------|
| a) Coke                              | 77,224  | tonne | 471,370 | tonne      |
| b) Pig iron                          | 71,482  | "     | 383,522 | "          |
| c) Steel                             | 127,216 | "     | 718,988 | "          |
| d) Rolled products,<br>seamless pipe | 93,407  | "     | 518,091 | " 50X1-HUM |

- ### Planned Production

Actual  
Production

|                      |             |             |          |
|----------------------|-------------|-------------|----------|
| a) Zinc ore          | 63,000 tons | 64,504 tons |          |
| b) Pyrites           | 1,900 "     | 1,738 "     |          |
| c) Zinc concentrates | 10,370 "    | 10,367 "    |          |
| d) Roasting blende   | 9,420 "     | 8,739 "     |          |
| e) Sulphuric acid    | 8,498 "     | 8,505 "     |          |
| f) Zinc              | 6,399 "     | 6,353 "     | 50X1-HUM |
| g) Sulphur           | 650 "       | 660 "       |          |
| h) Zinc blende       | 2,460 "     | 2,515 "     | 50X1-HUM |
| i) Refined lead      | 950 "       | 1,019 "     |          |
| j) Refined cadmium   | 10 "        | 10.5 "      |          |

4. The Huta Poiej Steel Works at Nowy Bytom (Q51/Y47), west of Katowice. produced 134,812 tons of steel during the first six months of 1947.

5. The Huta Zawiercie at Zawiercie (Q51/Y89) has begun work on the construction of a new blast furnace.

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6. The Friedenshütte, 10 km. northeast of Katowice (Q51/Y57), has received a Soviet order for 10,000,000 round sheet-steel containers approximately 2 m. long and 1 m. in diameter. [REDACTED]

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7. The Bismarckhütte, 9 km. north of Katowice, is producing tanks for the Soviets, but not the engines or armament for the tanks. This plant is also turning out ship armored plate, which is sent to Gdynia. [REDACTED]

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